

Heat pump , (0K3)

from October 2016



Audi

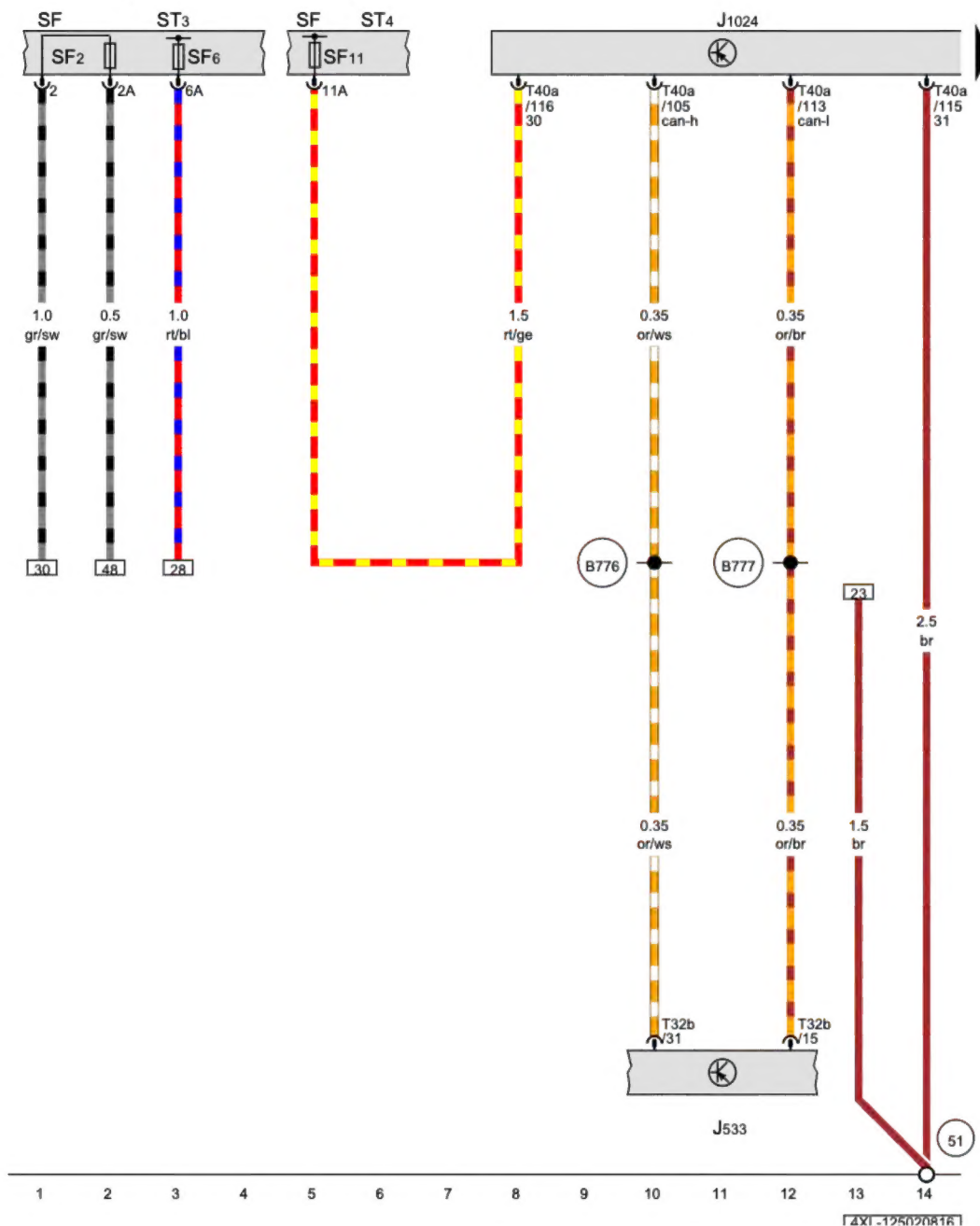
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erWin

Thermal management control module

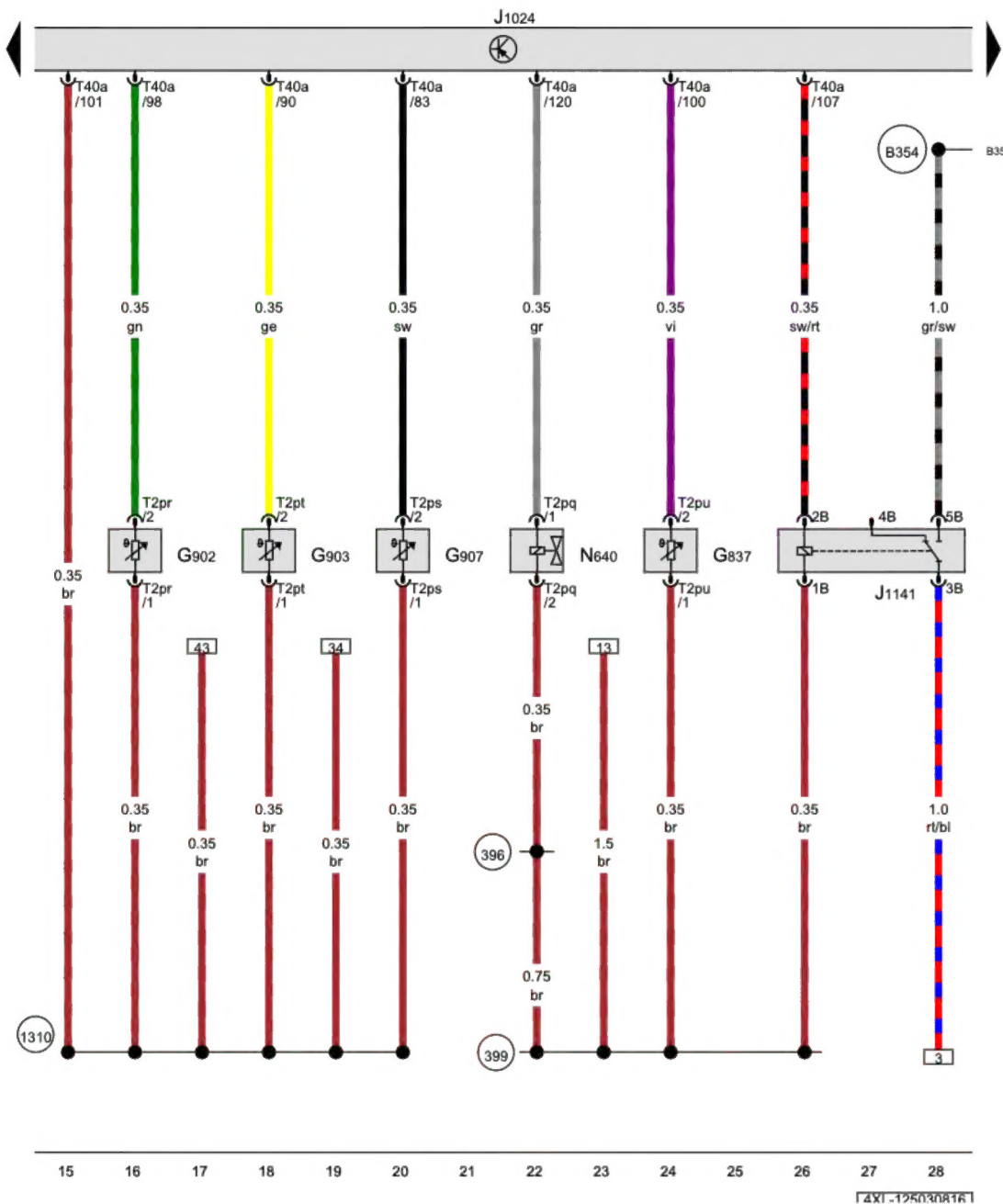
- J533 Data bus on board diagnostic interface
- J1024 Thermal management control module
- SF Fuse panel F
- SF2 Fuse 2 (on fuse panel F)
- ST3 Fuse panel 3
- ST4 Fuse panel 4
- SF6 Fuse 6 (on fuse panel F)
- SF11 Fuse 11 (on fuse panel F)
- T32b 32-pin connector, black
- T40a 40-pin connector, black

- 51 Ground connection in luggage compartment, right
- B776 Hybrid CAN bus high connection 1 (in main wiring harness)
- B777 Hybrid CAN bus low connection 1 (in main wiring harness)
- * Refer to applicable wiring diagram for fuse positions



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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

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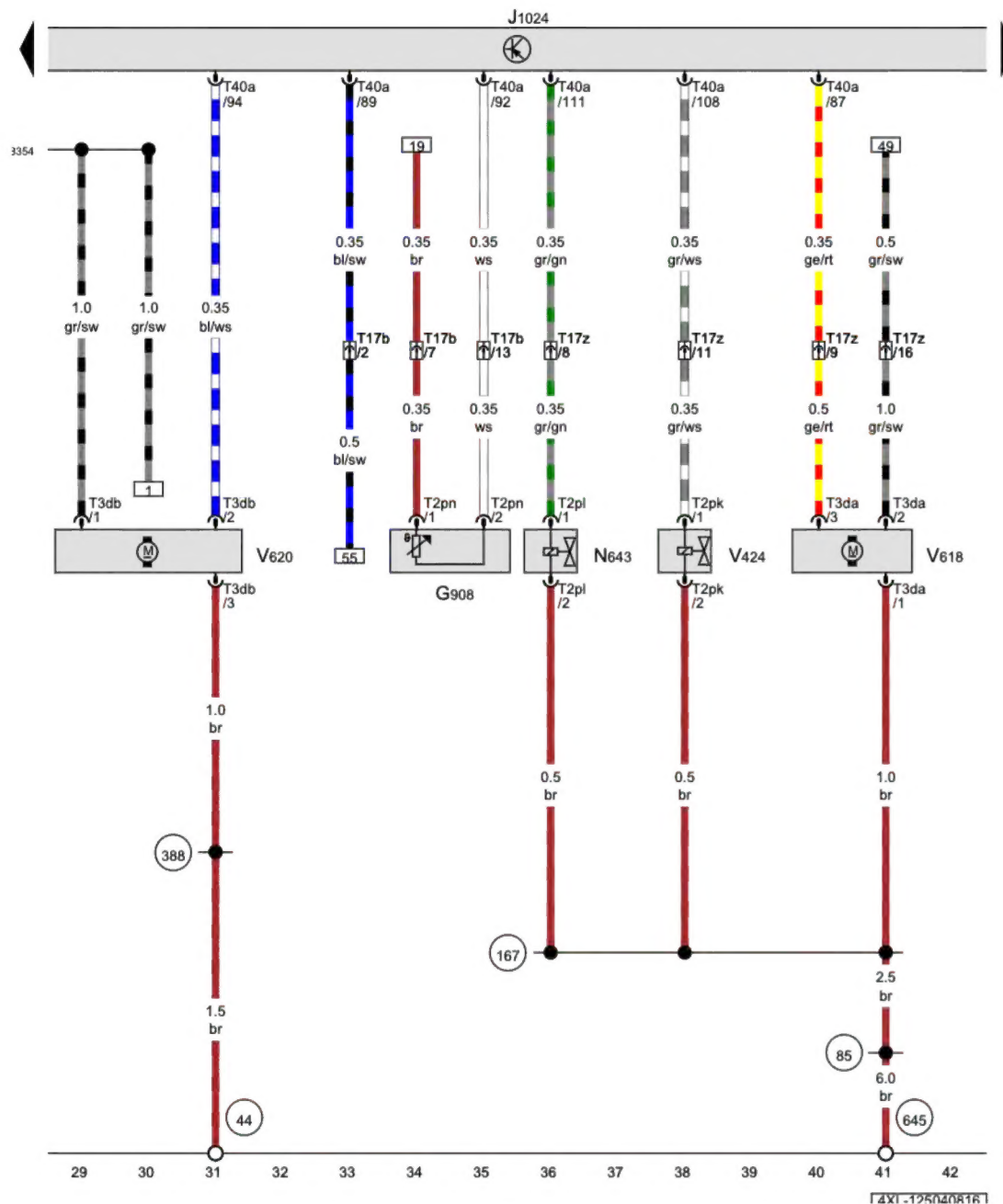
Engine coolant level sensor 2, Thermal management coolant temperature sensor 1, Thermal management coolant temperature sensor 2, Thermal management coolant temperature sensor 6, Thermal management control module, Thermal management coolant pump relay, Refrigerant shut-off valve 2

- G837 Engine coolant level sensor 2
- G902 Thermal management coolant temperature sensor 1
- G903 Thermal management coolant temperature sensor 2
- G907 Thermal management coolant temperature sensor 6
- J1024 Thermal management control module
- J1141 Thermal management coolant pump relay
- N640 Refrigerant shut-off valve 2
- T2pq 2-pin connector, black
- T2pr 2-pin connector, black
- T2ps 2-pin connector, black
- T2pt 2-pin connector, black
- T2pu 2-pin connector, black
- T40a 40-pin connector, black

- 396 Ground connection 31 (in main wiring harness)
- 399 Ground connection 34 (in main wiring harness)
- 1310 Ground connection 36 (in main wiring harness)
- B354 Positive connection 5 (87a) (in main wiring harness)

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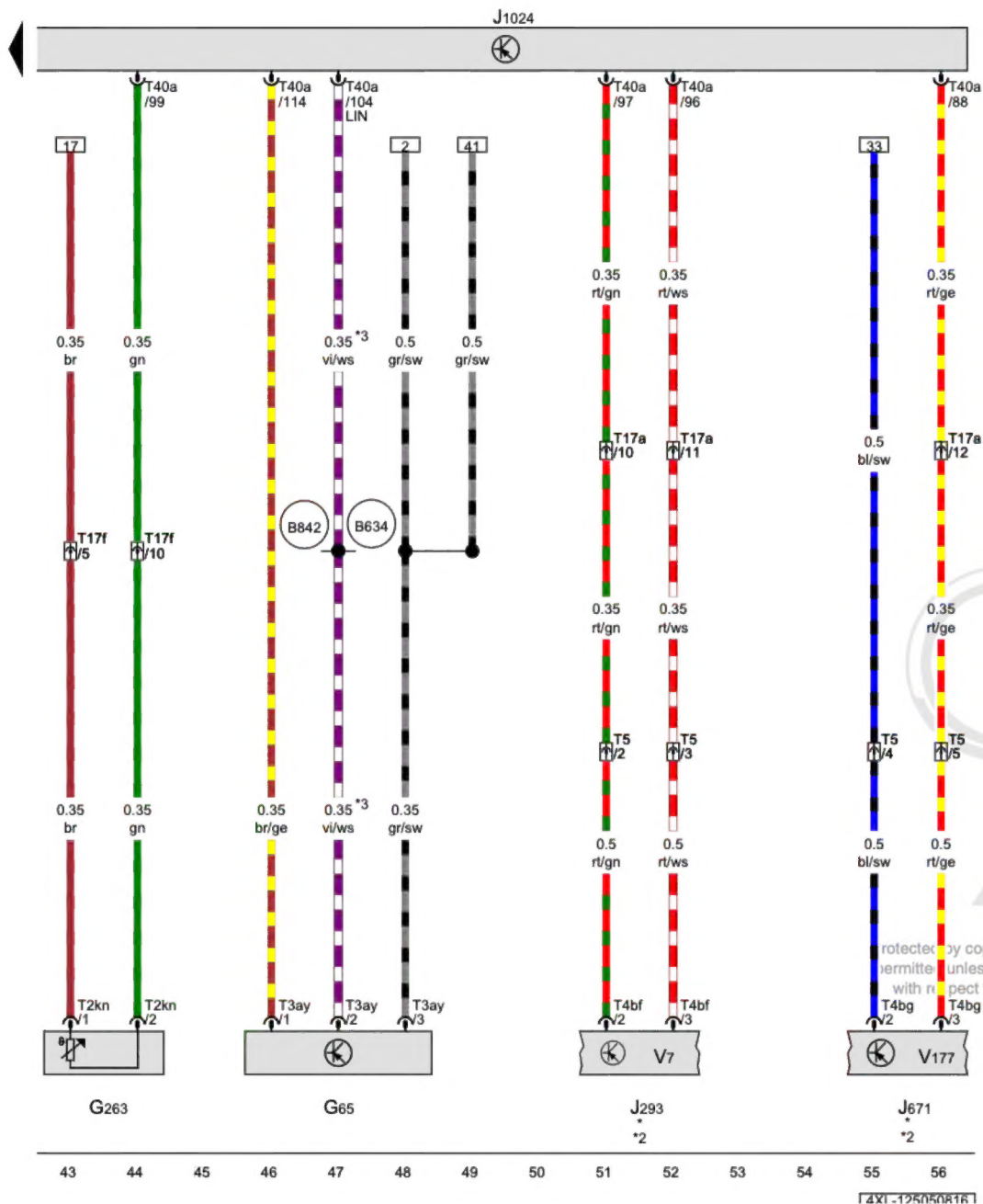


Thermal management coolant temperature sensor 7,
Thermal management control module, Refrigerant shut-off
valve 5, Refrigerant shut-off valve, Thermal management
coolant pump 2, Thermal management coolant pump 4

- G908 Thermal management coolant temperature sensor 7
- J1024 Thermal management control module
- N643 Refrigerant shut-off valve 5
- T2pk 2-pin connector, black
- T2pl 2-pin connector, black
- T2pn 2-pin connector, black
- T3da 3-pin connector, black
- T3db 3-pin connector, black
- T17b 17-pin connector, Left plenum chamber E-box connector station, red
- T17z 17-pin connector, Left plenum chamber E-box connector station, brown
- T40a 40-pin connector, black
- V424 Refrigerant shut-off valve
- V618 Thermal management coolant pump 2
- V620 Thermal management coolant pump 4
- 44 Ground connection on A-pillar, lower left
- 85 Ground connection 1 (in engine compartment wiring harness)
- 167 Ground connection 4 (in engine compartment wiring harness)
- 388 Ground connection 23 (in main wiring harness)
- 645 Ground connection 1 on bulkhead
- B354 Positive connection 5 (87a) (in main wiring harness)

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High pressure sensor, Evaporator vent temperature sensor, Radiator fan control module, Thermal management control module

- G65 High pressure sensor
- G263 Evaporator vent temperature sensor
- J293 Radiator fan control module, near the coolant fan
- J671 Radiator fan control module 2
- J1024 Thermal management control module
- T2kn 2-pin connector, black
- T3ay 3-pin connector, black
- T4bf 4-pin connector, black
- T4bg 4-pin connector, black
- T5 5-pin connector, in the center plenum chamber, black
- T17a 17-pin connector, Left plenum chamber E-box connector station, white
- T17f 17-pin connector, in the left A-pillar connector station, white
- T40a 40-pin connector, black
- V7 Radiator fan
- V177 Radiator fan 2

B634 Positive connection 2 (87) (in main wiring harness)

B842 LIN bus connection 8 (in main wiring harness)

- * pre-wired component
- *2 Refer to applicable engine wiring diagram
- *3 Data bus wire (LIN bus)

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